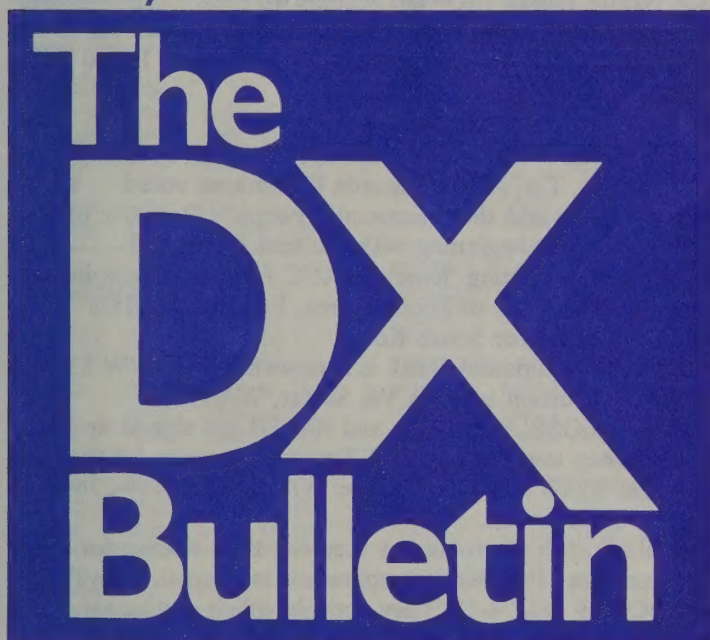


Albania - ZA HH0MM and HA0NNN report that they have secured a license to operate from Albania as ZA2QA. They expect to come on the air this week. The license is valid for five weeks, and the operators have sufficient funds for the first ten days. Once they actually come on the air, they will be looking for additional funds to extend their operation. More details to follow.

Afghanistan - YA The Italian team came on the air as T6AS, but reports were very limited, due to a combination of a weak signal and poor band conditions. Unfortunately, they were ordered out of the country on July 21. Those lucky enough to work T6AS should QSL to Dr. Salvatore Alescio IT9AZS, Coros La Masa 67, I-67 900 Trabia PA, Italy. Donations would be appreciated.

Edited by Chod Harris VP2ML



America's Premier Weekly Amateur Radio Publication

Kampuchea - XU Josef OK1NQ is presently active as XU1NQ, mostly CW 5 or 25 kHz up from the bottoms of the bands on 20-10 meters, after 1600Z. He'll be there until August 14. QSL to his home call. (Thanks OK-DXpress.)

South Cooks Islands - ZK1 Ron Wright ZL1AMO is presently active as ZK1CQ, suggesting his plans to operate from Cocos-Keeling VK9C and Christmas Island VK9X fell through. Ron has been spotted on 21026 kHz at 2330-0300Z, 18073 01-0300Z, 14026 04-0900Z, 14256 0400Z, 7158 0645Z (net), 10104 1000Z, and 7006 at 1045Z. Ron listens below his transmitting frequency, even when he says 'up.' He's also been noted on RTTY; try 14087 kHz at 0630Z. QSL home call, direct please.

Shortly Noted

- **3X1SG and 3X1AU** cards are now approved for DXCC credit. QSL manager ON6BV provided acceptable documentation. Cards may be sent (or resent) immediately.
- **C9RTC** is expected back, for about two months. He runs an Icom IC-735 into a TH7DXX, and hopes to be active on six meters. (DXNS.)
- **OH0BDA** will be active July 29-Aug. 11, 80-10 meters.
- **SJ9WL/LG5LG** from Morokulien will be active July 26-28, from this peace monument on the Sweden/Norway border.
- **4L3FS** is a special-event station Aug. 2-8, in connection with the Leningrad DX Conference.
- **VI4HBW** is another special-event station, during August, from Fraser Island (OC-142), for the Festival of Whales. Try 3790, 7085, 14226.5, 21205, and 28495 kHz. QSL to Box 829, Hervey Bay, Queensland 4655, Australia.
- **3D2CA** is the call of I4ALU, to July 28. See Issue 594.
- **C30EFA** (DL8OBC), **C30ENA** (DH1OAH), and **C30EHA** (DL2MEH) will be active to the end of the month, CW and SSB. QSL home calls.
- **EA8/OH2BH** will extend his Canary Island (AF-004) operation to Aug. 26.
- **TK/I4FYF**: Fabio Piccinini will operate from Corsica (EU-014) Aug. 6-20. QSL home call.
- **GB4OV** will operate from rare Worked All Britain square OV00 August 5. Try 28455, 28655, and the WAB frequencies.
- **CN8VV** and **CN8YP** will be operated by F6EEM and F6FYP in early August, including the WAE CW test Aug. 10-11. QSL via the French DX Foundation, 4 rue Duguesclin, F-35170 Bruz, France.
- **3D2PO** is active from Viti Levu (OC-016). This is Ian, ex-VK4NIC/3X.
- **XV2A** has been noted on 14005, 14025, and 21005 kHz. QSL via JJ1TBB. (Lynx DX News.)
- **XW8KPL** has been on 21270 kHz at 1530 kHz.
- **4K4/UA0KBZ** leaves Wrangel Island (AS-027) very soon. QSL direct only to Box DX, Cape Schmidt, Magadan Oblast 686830 USSR.
- **SSB Net check-ins**: 14222 kHz: VK9NS; 14227: BV5OC BV4AS VQ9CQ 9M2HB 3D2AG TU2JL H5AM 3DA0BX ZS1AU ZS9A EA6MQ TZ6VV; 14256: TA4A ST0DX TA1C TL8FD.
- **RTTY report**: TU2YK 14089 0000Z; UT5RP 14074 ARQ 0625Z; HP1XBH 14082 0825Z; T77T 14090 2200Z; EP2ASZ 14084 2350 (does not count for DXCC); CN8NS 14075 0125Z; 3B9FR 14091 1950Z; ZC4KS 14086 2025Z; 9K2EC 14072 0145Z; AP2NK 14074 1400Z; Z21KS 14082 1630Z; HZ1AB 14087 1835Z; V51DF 14089 2010Z; SV0GB 14086 1600Z; 9X5LJ 14078 ARQ 2145Z; FK8BK 14068 0610Z; and OD5NG 14074 0250Z.

Propagation Forecast and Historical Data

Day Forecast	27 Days Before				55 Days Before			
July 1991	Date	Flux	A	K	Date	Flux	A	K
26 Above Normal	06/29	227	04/07	1	06/01	220	41/54	3
27 Low Normal	06/30	236	18/27	3	06/02	243	44/55	4
28 High Normal	07/01	242	08/15	2	06/03	220	11/19	3
29 High Normal	07/02	244	14/20	3	06/04	239	36/45	5
30 Below Normal	07/03	249	20/32	3	06/05	251	151/150	6
31 High Normal	07/04	247	11/17	2	06/06	240	30/50	2
August 1991								
01 Above Normal	07/05	251	04/07	1	06/07	230	27/34	3
02 Above Normal	07/06	233	06/08	2	06/08	243	18/26	4
03 High Normal	07/07	219	06/10	2	06/09	238	35/44	4
04 Disturbed	07/08	204	36/46	6	06/10	239	70/78	6
05 Disturbed	07/09	194	41/85	3	06/11	236	78/76	3
06 Low Normal	07/10	194	21/27	2	06/12	230	47/53	5
07 Low Normal	07/11	196	17/22	3	06/13	218	88/94	7
08 Low Normal	07/12	203	19/23	3	06/14	201	11/13	2

Propagation Watch

Propagation continues to be hurt by solar flares. Although DXers have been spared a repetition of early June's multiple X-class flare production, solar activity has been high enough to keep the geomagnetic field active.

The recent flares have caused some minor HF blackouts on the sunlit side of the earth, followed a day or two later by geomagnetic storms. One such hit during the IARU HF Championship, practically wiping out the contest.

The forecast for the next week doesn't provide much good news. Sunspot Region 6734 is a large, magnetically complex (delta configuration) spot, capable of producing several powerful flares. It will be on the western side of the sun this week, where its flares have the most impact on band conditions. Regions 6734 and 6741 will also be on the western side of the sun this next week, and either could produce a major flare. Be on the lookout for more bad news.

On days when the K index drops below 4, there is good DXing on 40-17 meters. The local-dawn, westward opening on 20 meters continues to be one of the most productive times to operate. When the polar and auroral latitudes are disturbed (as they have been much of the past two months), try skew paths, aiming your antenna to either side of the poles: 20-40° to the East or West. You may have to try different beam headings to compromise between polar flutter and signal strength.

17 and 15 meters provide some daytime DX, especially on low-latitude and north-south paths. 10 and 12 meters show a typical summertime pattern of north-south DX, but little else. The higher bands will improve as we approach the equinox September 23.

40 and 30 meters offer some DX possibilities in the early evening and at local dawn. The high noise levels and increased absorption due to the active geomagnetic field reduce signal-to-noise ratios on the lower bands, but the persistent DXer can use grayline propagation to make a few contacts.

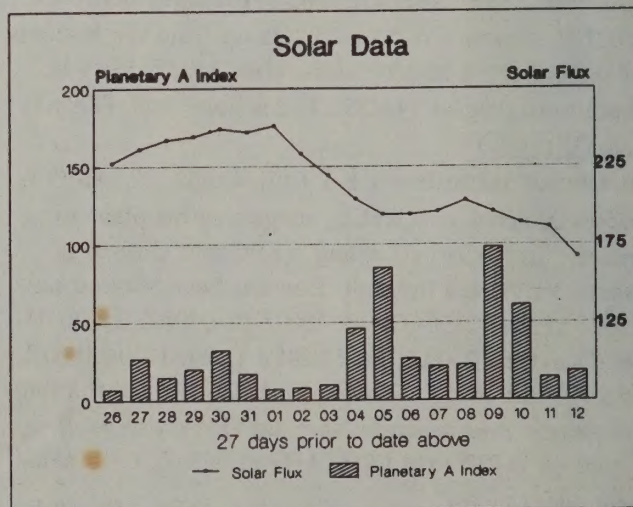
Solar flux should peak near 250 this week, then drop back to about 150 in mid-August. The first few days of August appear to offer the best chance for good DX propagation in the next two weeks. Good hunting!

Islands On The Air

- **Romo Island (EU-125):** OZ1DYI/p will be active to July 27, and again Aug. 25-31. 80-10 meters, SSB. Try the usual IOTA frequencies: 14260, 21260, and 28460 kHz. QSL home call.
- **Navarino Island (SA-050):** CE9GEW is often on 21295± at 1930Z.
- **Rathlin Island (EU-122):** GI0MRI will be active sporadically during August.
- **Ile du Pilier (EU-064) F6EDW and FB1NAN** will be active August 3-4. Try 3663, 7063, 14163, 21263, and 28463 kHz.
- **Disko Island (NA-134):** OX3KM is active from here, when band conditions permit high-latitude QSOs. QSL to F6FNU.
- **Bora Bora Island (OC-067) F6AUS and F6BUM** will be on as FO0P or FO0EX July 26-27.
- **Kond Island (EU-147):** EK3DCX and EK3ACQ will be active to Aug. 4 from this New One for IOTA. They'll also be on from:
- **Solvetskiye Island (EU-066)** August 6-7.
- **Wrangell Island (NA-041):** AL7NI has been noted on 14180 kHz at 0010Z. QSL to Box 2165, Wrangell Island AK 99929.

Notes From All Over

- **North Korea** is the newest addition to the DXCC Countries list. The ARRL Awards Committee voted unanimously to add the Democratic People's Republic of Korea to the list, beginning with the first accredited operation. The existing 'Korea' DXCC listing will remain, under the new name of South Korea. Previous HL/HM credits will count for South Korea.
- **Electronic Equipment Bank** is sponsoring a CQWW SSB contest DXpedition to **Truk V6**. So far, WA6VNR, KE6OG, W6OSP, WA7LNL, and K4EIH are signed up for the trip. They are looking for 2-3 more operators for the two-week, \$3000 trip. Contact Joe WA6VNR at 619-278-2752 for more details.
- **The Radioclub Garrotxa** has received their license for their **Annobon (Pagalu) 3C0** operation in August. They'll be on as 3C0CW Aug. 4-17. They actively solicit additional funds for this trip, c/o Pere Espuña EA3CUU, Box 220, 17800 Olot (Girona) Spain.



B • A • N • D • P • A • S • S

Key to Bandpass: Callsign, frequency, UTC, day of the month, state. * = long path. P = packet.
All "portable" calls listed with country of operation first, regardless of format used on the air.

S	M	T	W	T	F	S
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	1	2	3
4	5	6	7	8	9	10

RTTY

EP2ASZ	14086	0006	13	MD
HS0AC	14085	1545	15	CA
T77T	14087	0355	16	CA
UT5RP	14086	0220	16	FL
YS/	14090	2327	16	FL
WD4IFN				
ZK1CQ	14078	0640	18	CA

160 Meters

VK3ZL	1832	1200	10	WA
VK4HF	1832	1155	10	WA
VK7CK	1832	1155	12	WA
ZL3RV	1832	1155	12	WA

80 Meters

FM5CW	3525	0227	14	GA
JA1CGM	3506	1040	9	AL

75 Meters

HK6KCS	3795	0402	6	CA
LU1FJH	3798	0325	5	CA
OA4ED	3799	0320	30	CA
PJ9EE	3798	0430	4	CA
VP8CFM	3797	0054	14	MD
YV5CMI	3793	0350	6	CA

40 Meters

4K1A	7008	0204	20	FL
4K1ADQ	7010	0256	14	FL
4K5ZI	7005	0151	14	GA
5Z4FO	7010	0340	9	IA
FP5DX	7016	0219	20	FL
HC5AI	7006	1043	11	AL
H18A	7003	1037	20	FL
PZ1DV	7001	1036	20	FL
ZK1CQ	7006	1040	20	FL
ZZ2XX	7019	0806	16	NH

30 Meters

FP5DX	10102	0225	20	FL
FW/AA7AF	10103	0832	12	WI
GJ2LU	10104	0458	8	WV
GW3KGV	10101	0527	11	OH
HC5AI	10101	0239	15	AL
HR1LW	10107	1216	12	NY
KH6CF	10102	1016	17	NY
TK/DL7HZ	10102	0248	19	CT
UA2EC	10106	0310	8	WV
UO5OLW	10101	0255	8	WV
ZD8LII	10105	2241	9	NY
ZK1CQ	10104	1025	20	FL

20 Meter CW

3B8CF	14030	0338	15	GA
3B8CF	14029	1254	5	MD
3B8DA	14010	1100	4	WV
3B9FR	14030	0258	12	IL
3B9FR *	14030	1155	16	MN
3D2AG	14026	1120	16	AL
3D2WM	14034	0558	17	UT
4K1A	14004	1159	18	MN
4K1B	14005	0756	16	NH
4K1D	14013	1020	16	MN
4K2PGO	14027	0308	16	MN
4K4POL	14021	1130	16	AL

4K5ZI	14003	0151	16	MN
4S7EF	14029	2241	11	NH
4S7EF *	14029	1143	16	AL
4S7NE	14001	0019	20	FL
4S7NE	14010	1215	7	CA
4S7RO	14017	1140	12	NY
4S7WP	14021	1102	14	FL
4S7WP	14029	2335	15	GA
4U1UN	14033	0053	20	FL
5B4/	14004	2239	29	NB

YU400				
7P8RQ	14020	0014	9	SC
7Q7JH	14019	0440	16	UT
7Q7JH *	14008	1246	15	MN
7Q7RM *	14005	1252	14	MI
8R1J	14017	0150	15	IA
9M2AX *	14028	1113	20	FL
9M2FB *	14005	0027	20	FL
9M2FK *	14017	1140	20	FL
9M2ZA *	14036	1115	20	FL
9V1JY	14030	1050	11	CA
9V1YC	14020	1040	12	VA
BV2BV	14031	1100	12	VA
C39ETA	14020	0054	18	FL
FH5EJ	14016	1230	11	IA
FH5EJ *	14017	1310	8	CA
FK8FG	14015	0715	8	CA
FK8FG	14017	1104	20	FL
FK8FS	14002	0618	13	IL
FP5DX	14032	0220	12	GA
FP5FO	14008	0400	11	CA
FR5BT *	14015	1220	7	CA
FR5DD *	14030	1311	14	FL
FR5FA	14030	1120	15	NH
FT4WC *	14030	1222	18	MN
FW/AA7AF	14010	0936	12	NY
HS0A *	14017	2241	20	FL
HS0AC *	14023	1157	14	FL
HS0D *	14003	1051	20	FL
HS1BV	14001	1109	13	AL
HZ1AB *	14007	1400	7	CA
JX3EX	14018	0155	16	MN
KG4DD	14027	0330	8	VA
KH3/	14012	0212	15	WI

KB6VUP				
P29DK	14012	1227	19	MN
PZ1DW	14020	0150	15	IA
PZ1DW	14035	0520	17	IA
PZ1DY	14032	1135	14	GA
RH0E	14022	0048	20	FL
RY1R	14016	2220	15	NH
SU1HV	14020	0030	13	GA
SV0DV/9	14025	2353	14	FL
T6AS	14005	2257	18	FL
TA1AZ	14010	2139	19	FL
TA4A	14007	0039	10	AL
TK0KP	14008	0251	20	FL
TL8FD	14021	2114	19	FL
TU2MA	14033	0050	9	CA
TU2MA	14030	0656	4	IA
UA0HAE	14021	1326	12	CO
UA2BD	14042	0226	16	GA
UD6DCP	14010	0030	11	DE
UF7FWW *	14007	1210	11	IA
UF7FXA	14013	0213	12	IL
UG6JJ	14017	0038	17	FL
UL8LWF *	14025	1300	8	CA
UM8NU	14007	0121	13	MI
VQ9RS	14014	0047	15	MD
VU2CY *	14005	1245	11	MI
VU2JOS	14027	1125	14	GA
VU2NI *	14007	1130	20	FL

VU2NTA *	14002	1230	20	FL
YN1CC	14002	0523	17	UT
ZD8SE	14034	2325	15	GA
ZD8VJ	14027	1938	8	CO
ZK1CQ	14027	0427	17	IA

20 Meter SSB

3B8GA	14221	1125	4	WV
4K5ZI	14194	0020	19	FL
4K5ZI	14204	1140	16	MD
4S7RO *	14193	1231	17	MN
5N0MRD	14277	2204	19	MD
5U7NU	14248	2339	12	MD
7Q7JH	14189	1320	16	MD
7Q7JH	14187	2300	13	IA
7Q7LA *	14169	1310	16	MD
7Q7MM *	14213	1215	4	WI
7X2LZ	14167	0226	16	CA
8Q7PJ	14163	1240	17	MD
8R1J	14160	0203	12	CA
9K/N6BFM	14225	0053	12	MA
9K2YA	14264	2053	19	MD
9V1XQ	14186	1006	5	MD
9V1YQ	14187	1053	2	FL
A41JW	14192	0131	16	MD
AP2JZB	14251	0029	13	MD
BY5TS *	14215	1115	2	FL
CE0DFL	14223	0312	15	CA
CE0LJI	14230	0145	21	MD
CN8GC	14184	0213	12	MD
EA6ZZ	14162	0213	16	CA
EA8/	14249	0500	11	BC

OH2BH				
FM5WN	14237	0241	9	IL
FP5DX	14239	0237	11	CA
FR5DD	14023	1113	5	MD
FR5DX	14183	1217	5	WV
FW/AA7AF	14165	1229	17	MN
H44AP	14207	1032	2	FL
HH2MC	14196	2343	14	WA
HS0AZ	14025	1032	5	MD
OD5ZZ	14261	0124	21	MD
OD5ZZ	14212	2357	12	MD
RV0AA *	14174	1310	12	CA
ST0DX	14255	0343	16	MD
ST0DX	14197	2059	19	MD
T32O	14235	0950	4	FL
T32Z	14210	0302	4	FL
T5RR	14192	1942	14	MD
TA8C	14243	0058	21	MD
TJ1FN	14194	2215	14	IA
TU2VM	14165	0145	9	IA
UA0TO *	14199	1332	13	CA
VQ9JT *	14031	1234	17	MN
VQ9KA *	14212	1330	12	IA
VU2DVP *	14180	1236	19	MN
YI/	14160	2220	14	IA
LA6EDA				
YO2BB	14185	0330	11	MA
Z22JE	14187	1320	15	CA
ZK1CQ	14165	1155	15	MN

17 Meter CW

3B8CF	18080	0347	13	NJ
3B8FE	18082	0332	13	NJ
4K2BDU	18074	2107	10	OH
FH5EJ	18082	0351	8	WV
FO5EX	18070	0121	13	WI
PY7ZZ	18078	0149	15	CA
TK4MI	18073	0431	8	WV
UF8FWW	18071	0246	16	CT

Z21HQ	18080	1820	9	SC
ZK1CQ	18075	0106	16	FL
ZP6CW	18077	0014	15	NJ

17 Meter SSB

E8AMT	18133	1922	14	WI
FOOIGS	18135	0243	18	CT
HC5EA	18118	0300	18	CT

15 Meter CW

3B9FR	21025	0404	6	MD
3D2CA	21005	2312	19	FL
4K5ZI	21009	1745	11	OH
4S7WP	21010	1853	10	NH
5N0/	21011	1837	7	NH
OK3CLA				
6V1A	21010	0158	20	FL
7Q7JH	21018	2249	16	FL
9X5HG	21027	1914	14	MN
FR5ZD	21023	0455	7	AL
HK0NAF	21018	2155	15	FL
HZ1AB	21033	1524	10	OH
TA2AO	21031	1545	7	CA
TI200SUN	21025	1808	11	CA
TL8FD	21031	0125	13	CA
TL8FD	21021	1912	14	MN
UF7FXA	21004	2100	7	NH
UZ2FWA	21020	1059	6	OH
XU1NQ	21020	1605	7	MT
YS/	21033	2047	13	GA
WD4IFN				
ZB2EO	21008	1856	12	OH
ZD8LII	21004	1843	7	NH
ZD8WB	21020	1858	10	NH
ZK1CQ	21027	2328	15	GA

15 Meter SSB

5B4MF	21289	2335	10	IA
6V1A	21260	2030	20	MD
7P8EB	21392	1813	21	MD
9H1ED	21271	2143	12	MD
9J2HN	21230	2133	11	MD
9K/N6BFM	21230	1935	6	CA
9L1US	21330	1959	14	MD
CE0DFL	21290	0300	7	CA
EA9IB	21323	1804	21	MD
HC8GR	21239	2338	12	IL
HK0NZY	21291	2343	12	IL
OD5ZZ	21228	2357	6	WV
TL8C	21302	2230	14	IA
YD0XBW	21337	1821	21	MD
ZB8ACJ	21282	1714	12	MD

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Issue 598 - July 26, 1991

Current and Future DXpeditions

(Changes and hot info in boldface.)

<u>DXCC Country</u>	<u>Prefix Callsign</u>	<u>Dates</u>	<u>Issue</u>
Aland Island	OH0 OH0BDA	July 29-Aug. 11	I598
Albania	ZA ZA2QA	July 26-Aug.	I598
Andorra	C3 C30EJA	July-Aug.	I594
	C30EFA/ENA/EHA	July	I598
Anguilla	VP2EBN	Aug. 6-12	I597
Annobon	3C0 3C0CW	Aug. 4-17	I599
Asiatic RSFSR	RE9F/NN7A N7NUR	July 26-30	I597
Brunei	V8 V85OM/XYL	Aug. 5-12	I596
Canary Islands	CT3/OH2BH	Now-Aug. 25	I596
Central African Rep.	TL8FD	Now-August	I590
Corsica	TK/ F6JMY	July 15-Sept.	I594
	I4FYF	Aug. 6-20	I598
Ecuador	HC HC1MD	August	I597
Faroe Islands	OY/ LA4LN, LA1SP	Aug. 2-5	I595
Fiji	3D 3D2CA	July 18-28	I594
Greece	SV8/ DF3IS	July 20-Aug. 1	I593
Hawaii	KH6/K6ICS	July 30-Aug. 23	I597
Iceland	TF/ LA4LN, LA1SP	July 18-Aug. 1	I595
Jersey	GJ/ ON5FP	July 15-Aug. 1	I594
Kumpuchea	XU XU1NQ	to Aug. 14	I598
Leichtenstein	HB0/FD10QJ/K	Aug. 3-10	I597
Morocco	CN CN8VV/YP	Early Aug.	I598
Mozambique	C9 C9RTC	Now-Sept.	I598
Oblasts	RC50/RB5CCO	July 15-30	I595
	UM,UI/ES1RA	July	I595
St. Brandon	3B7 3B7CF	Soon?	I596
St. Paul Island	CY9 CY9CWI	Aug. 2-6	I594
St. Pierre & Miquelon	FP/NT1M WO1G	Aug. 1-7	I596
South Cooks	ZK1 ZK1CQ	Now	I598
Togo	5V/F2JD	July 15-Dec.	I596
Tonga	A3 A35??	July 30-Aug. 11	I594
	A35IM, etc.	Aug. 10-15	I597

Operating Events and DX Gatherings

<u>Dates</u>	<u>Event</u>	<u>Reference:</u>
July 27-28	DXPO 91—Atlanta GA	I595
July 26-28	Northwestern DX Conv.	I592
Sept. 7	W9DXCC Convention	I593

Resident Amateurs on Regularly

<u>DXCC Country</u>	<u>Callsign</u>	<u>Freq.</u>	<u>UTC</u>
■ Ascension Island	ZD8SE	14030±	2330Z
■ Ascension Island	ZD8LII	21007±	1900Z
■ Central African rep.	TL8FD	21013	1900Z
■ Central African rep.	TL8FD	14023±	2100Z
■ Crozet Island	FT4WC	14030	1220Z
■ Egypt	SU1HV	14015±	0030Z
■ Georgia	UF7FWW	14010±	1200Z
■ India	VU2NI	14009	1130Z
■ India	VU2NTA	14005±	1230Z
■ Kuwait	9K2YA	14263	2100Z
■ Malawi	7Q7JH	14010±	0445Z
■ Malawi	7Q7JH	14188	1320, 23Z
■ Mauritius Island	3B8DA	14014±	1100Z
■ Mayotte	FH5EJ	14016	1230Z
■ Reunion Island	FR5FA	14030±	1120-14Z
■ Rodriguez Island	3B9FR	14030	1200Z
■ Singapore	9V1XQ	14185	1000Z
■ Singapore	9V1JY	14025±	1100Z
■ Singapore	9V1YC	14020	1040Z
■ Snake Island	4K5ZI	14005±	0200Z
■ Sri Lanka	4S7WP	20M CW	1100Z
■ St. Pierre & Miquelon	FP5DX	7010±	0200Z
■ St. Pierre & Miquelon	FP5DX	14027±	0300Z
■ St. Pierre & Miquelon	FP5DX	10102	0230Z
■ Thailand	HS1BV	14001	11Z Sat.
■ Turkey	TA8C	20M SSB	0100Z
■ Wallis Island	FW/AA7AF	14010	0930-14Z
■ Zambia	9J2HN	15M SSB	2130Z

Contributors

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